

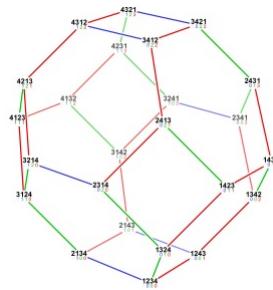
# STudent REsearch TalkS (StReaTs)

Mason Experimental Geometry Lab (MEGL)

## Flag Varieties

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## Abstract

Flag varieties are an important class of objects. They play important roles in geometry, representation theory, and combinatorics, as well as being spaces for which topological and algebraic invariants are (relatively) easily computable. We will give definitions of flag varieties and discuss properties and theorems that illustrate their importance. (Image taken from <https://en.wikipedia.org/wiki/Permutohedron>)

Date: Friday, 18 September 2015

Time: 2:30pm–3:30pm

Place: 4106, Exploratory Hall

**Pizza and soda will be served at the presentation.**

For further information or for special accommodations, please contact Sean Lawton via email at [seanlawton@gmail.com](mailto:seanlawton@gmail.com) or drop by the MEGL.